



DATE: January 8, 2004

TO: District Engineers
District Field Engineers
District Construction Engineers
Resident/Project Engineers

FROM: Gerald D. Dobie
Engineer of Construction

SUBJECT: **CONSTRUCTION INSTRUCTIONAL MEMORANDUM 1993-22**
Occupational Safety and Health Administration (OSHA)
Lead Exposure In Construction

The new OSHA Interim Final Rule for Lead In Construction is attached. The rule will probably be adopted in Michigan in late fall of 1993, depending on Michigan Occupational Safety and Health Administration (MIOSHA) action. When the rule is adopted, you will be notified. This regulation will apply to our employees and the contractor's employees working on bridge painting projects where lead based paint is being removed.

A draft of the Special Provision for Providing Exposure Assessments, Exposure Monitoring, Equipment, Hygiene Facilities, and Training is also attached. This Special Provision will be used in projects where lead based paint is being removed beginning with the October 1993 letting. The Special Provision requires the Contractor to provide M•DOT, FHWA, and Local Agency employees with respirators, protective clothing, hygiene facilities, air monitoring, and training required by the Interim Final Rule. M•DOT will continue to provide the required medical surveillance for its employees.

1. **Employee Standard Summary.** All M•DOT bridge painting inspectors and their Project Engineers shall read at least Appendix B - Employee Standard Summary, pages 26636 through 26641 of the Interim Final Rule before the project begins.
2. **Protective Equipment and Hygiene Facilities.** All employees entering containments shall wear the protective equipment and use the hygiene facilities provided by the Contractor as required by the Interim Final Rule. The employees shall not enter the containment until the air has visibly cleared of dust.
3. **Medical Surveillance.**
 - A. All employees entering containments will be required to participate in medical examinations annually.

CONSTRUCTION INSTRUCTIONAL MEMORANDUM 1993-22
Page 2
January 8, 2004

- B. All employees entering containments will be required to have blood sampling and analysis

for lead and zinc protoporphyrin before the project begins and every 2 months until the project is completed, and at the completion of the project.

- C. All employee's medical surveillance records will be sent to the Safety and Health Unit of the Office of Human Resources and the employee and Resident/Project Engineers will be notified of the results.

4. **Training.** All M•DOT employees entering containments will participate in the required training provided by the contractor prior to entering any containments.

Engineer of Construction

GDD:PAL:jd

Subject Index: OSHA

Attachments

cc: Circulate

Engineering Services Division

M & T Division

Design Division

MRBA

MAPA

MCPA

W. Homrich

H. Linne

B. Hayes

R. Hunt